

## **Hardware Engineer (REF 1602 ENGR HwE)**

Position: Full-time

Location: Bologna (Italy)

### **DUTIES & RESPONSIBILITIES**

Reporting to the Hardware Project Leader, he/she will:

- Design mixed signals electronic boards following the development from the board specifications to the prototype testing activities
- Interface with external partners (designers and/or manufacturing personnel)
- Interface with the internal "Mechanical" and "Manufacturing and Service" teams
- Follow the products life cycle from the release to the end-of-life (obsolescence, corrective actions, improvements, upgrades, etc)
- Write technical documentation (i.e. functional test protocol, assembly instructions of electronic boards, etc.)

### **BASIC REQUIREMENTS**

- Master Degree in Electronic engineering
- 2-plus years experience
- Experience in designing of mixed signals electronic boards
- Knowledge of EMC concepts
- Knowledge of risk analysis management
- Capability to work autonomously in a collaborative, multidisciplinary and goal-oriented environment
- Availability to travel world-wide
- Good English knowledge (written and spoken)

### **PREFERRED REQUIREMENTS**

The following requirements would be a plus:

- Experience in designing of RF and/or FPGA electronic boards
- Programming microcontrollers (e.g. ARM) and in RTOS
- Knowledge of at least one of the following programming language: Assembly, C, C++, LabVIEW
- Knowledge of CE, CE-IVD, CSA-UL certifications process
- Knowledge of one or more of the following standards: IEC 61326-1, IEC61326-2-6, IEC 61010-1, UL 61010-1, ISO 14971, IEC 60812 and ISO 13485

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